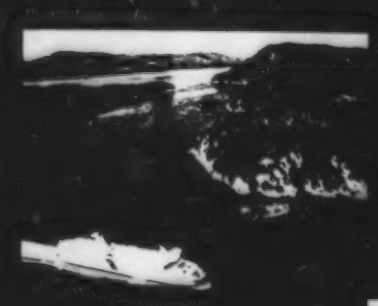
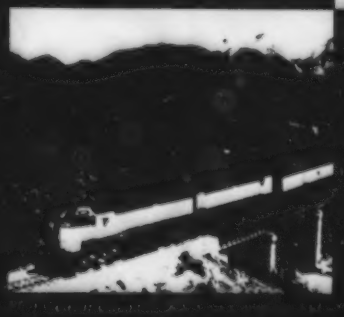
TRANSPORT CANADA PACIFIC REGION

2000/2001

Transport Canada · Transports Canada

Canada





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Transport Canada working for you in British Columbia

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Transport Canada's role is to develop and administer the policies, regulations and services that keep the transportation industry safely on the move while protecting the interests of Canadians. Transportation is vital to the B.C. economy, and safety is vital to transportation.

Photo: Tourism BC

Serving you in British Columbia

British Columbia's importance to the national transportation system is highlighted by its high level of activity relative to its share of population and economic size. B.C. accounts for roughly 13 per cent of Canada's population and 12 per cent of the national gross domestic product, and serves as Canada's Gateway to Asia.

Trade is an area of the B.C. economy that is heavily dependent on transportation. In 2000, the total value of foreign merchandise exports rose 13.2 per cent in B.C. One of B.C.'s economic generators is the Port of Vancouver. In 2000, cargo tonnage handled by the Vancouver Port Authority rose by seven per cent. Container traffic reached new highs with outbound traffic increasing 11 per cent and inbound traffic up six per cent making Port Vancouver the largest container port in Canada.

Another area of the B.C. economy that is strongly tied to transportation is tourism. The number of overnight visitors to B.C. increased 1.6 per cent last year. Tourism B.C. estimates that tourism revenue reached $9.5 billion in 2000, a new high, and up from $9.2 billion in 1999. The number of cruise ship passengers sailing through the Port of Vancouver rose 11 per cent in 2000 to exceed one million for the first time. Vancouver Port Authority figures show the cruise ship industry contributes $500 million to the B.C. economy.

Transport Canada is on the verge of completing a fundamental transformation of the transportation sector, including deregulation and competitive enhancements, privatization, divestiture of assets and services, and subsidy reduction and elimination.

Transport Canada's goal is a safe, efficient, integrated, affordable, accessible and environmentally friendly transportation system; a system that supports our economy and our trade and stimulates competition and productivity while not compromising our high safety standards.

There are 265 licensed scheduled and charter commercial operators in B.C. Almost every community in B.C. with an airport or marine float has a small charter operator based in their area.

Vancouver International Airport handled 16 million passengers and 252 thousand metric tonnes of cargo, in 2000. Since 1992 passenger traffic has increased 61% and air cargo has increased 74% at the airport.

The Port of Vancouver cruise ship industry registered its 18th consecutive year of growth in 2000.

B.C.'s rail system includes roughly 6,600 kilometers of mainland railroad track.

In November 2000, BC Ferries reached the half-billionth passenger mark.

102-01911/

Aviation

Transport Canada is responsible for the development and enforcement of aviation regulations and monitoring of the air navigation system in British Columbia and Canada. Inspections and audits are conducted to ensure industry compliance with the regulations and standards. Transport Canada staff certify and register aircraft, aircraft maintenance organizations and flying training schools as well as oversee the training and licensing of personnel.

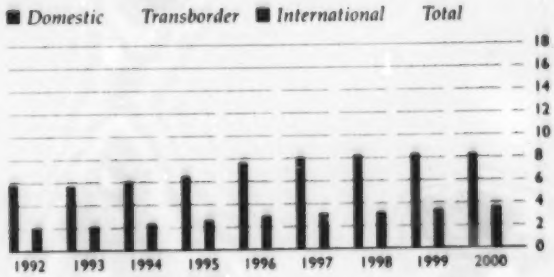
Working for you in the Community

Transport Canada is responsible for the safety of airports and heliports in B.C. and our inspectors are experts as well as great people to work with.
Last year, the hospital in Powell River was in need of a heliport, and Inspector Chris Baillie consulted on the project, lending guidance, suggestions and eventually certified their new heliport. Our inspectors do make a difference in the communities they serve, and the Powell River Hospital has a safe world-class heliport to show for it.

Improving Service to Clients

Modifying and repairing an aircraft can be a complicated business. Last year, Transport Canada decided to clarify its Process for Aircraft Modification and Repair Approval Certification. Transport Canada staff wrote a clear-language brochure designed to map out the process options open to Transport Canada's clients. The more our clients know about their options, the better we can serve them.

YVR Enplaned and Deplaned Passengers
(millions of passengers)



Aviation Activity Highlights in Fiscal Year 2000/2001

Transport Canada's team of 150 aviation inspectors conducted 18 major audits of B.C. air operators, 91 maintenance audits, 90 air operator audits, and 71 Transportation of Dangerous Goods (TDG) audits. In addition to auditing, our inspectors carried out 833 aircraft inspections, 177 TDG inspections, 125 Air Operator inspections, 80 Inflight inspections, and 62 Aircraft Maintenance Organization inspections.

Inspectors also conducted 672 Pilot Proficiency Checks. Transport Canada's enforcement inspectors conducted 177 investigations. Transport Canada approved 27 special aviation events such as airshows. Aircraft registrations in the province now total 5,263. Aviation inspectors conducted 67 Safety workshops, briefings and presentations.

Additionally, all 72 of the region's Flying Training Schools were inspected, 17 airports and heliports were audited and 120 airport and heliport inspections were carried out. Transport Canada personnel across the province issued 1,847 licenses to aviation personnel and conducted 4,796 aviation examinations.

In response to growing aviation demand, Transport Canada, after an extensive Safety Review, certified Victoria Harbour as the first Water Airport in Canada. Creating a water airport centralizes accountability in the Harbour and allows Transport Canada to deal with issues such as noise mitigation and air quality management.

In addition, Transport Canada worked with NAV CANADA to establish IFR approach and departure procedures for float aircraft in Victoria and Vancouver Harbours.

Last year, the Canadian Aviation Security Regulations came into force. Transport Canada security inspectors worked closely with stakeholders to help clarify their responsibilities.

Improving Airport Safety

Airports in B.C. can apply for financial assistance from Transport Canada's Airports Capital Assistance Program (ACAP). Funding is available for projects related to safety, asset protection and operating cost reductions. In 2000/2001, Transport Canada provided over nine million dollars in ACAP funding to 13 airports in B.C. for a total of 24 projects including runway repaving and airfield lighting upgrades.

Growing Industry - Cascade Aerospace of Abbotsford, B.C.

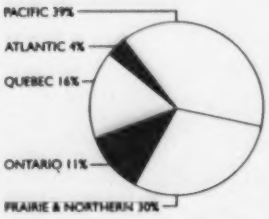
Transport Canada's aviation inspectors work closely with Abbotsford-based Cascade Aerospace (formerly Conair), a large aviation operations and maintenance organization. Cascade Aerospace recently completed construction of its new $50 million aircraft maintenance facility. The company has secured long-term contracts with several domestic and foreign airlines including WestJet, Aloha Airlines, and Southwest Airlines of Phoenix, Arizona.

Industry Highlights

In B.C., total scheduled seat capacity increased 37 per cent, from 11.1 million seats in 1991 to 15.2 million seats in 2000. Transborder seat capacity increased by 64 per cent, while seat capacity increased on international routes by 125 per cent in that time period.

Abbotsford Airport is B.C.'s fifth busiest airport. After WestJet started to serve the airport in June 1997, the passenger volume skyrocketed from the pre-1997 level of less than 3000 to more than 200,000 passengers in 2000.

Total Number of Helicopters Registered in Canada by Region



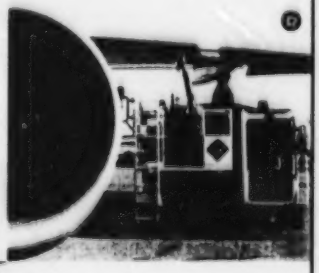
Above) B.C. has the highest number of helicopters registered in Canada; 683 out of 1,757. There are 28,247 aircraft registered in Canada, 5263 of those are in B.C.

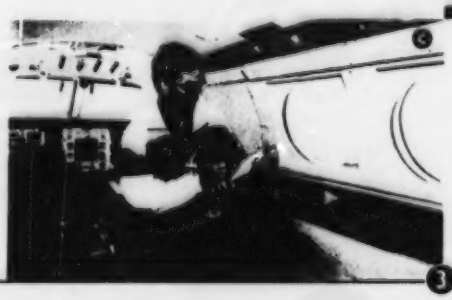
A) A Jet Ranger helicopter landing at Vancouver Airport

B) A Harbour Air float plane in Victoria Harbour

C) Aviation inspector doing a cabin safety check

D) A plane receives fuel at Vancouver Airport





Surface

WORKING TOGETHER

West Coast Express Ltd. noticed that the wheels on the commuter trains were being marked and brought their concerns to Transport Canada. Both West Coast Express and Transport Canada conducted testing and determined the cause. It turns out a diamond crossing, where two sets of railway tracks cross each other, was the culprit. Transport Canada Railway Safety engineers worked with the engineers of the railway that owns the diamond crossing where the wheels were being marked and solved the problem.

Last year, Transport Canada began rolling out an education program for B.C. municipalities. The Program is designed to educate municipalities on their responsibilities regarding railway safety issues in their communities. These include crossings, trespassing and access control regulations. The first session was held in Surrey, B.C. in March, 2001 and there are three more sessions planned for this year in B.C.

Transport Canada works with the Fraser Canyon Stakeholders focusing on technological and geophysical advancements; Operation Life Saver and Direction 2006.

Transport Canada enhances safe railway systems by administering the Railway Safety Act, related standards, rules and regulations, and the Canada Labour Code Part II for federally regulated railways in B.C. and Canada. Transport Canada also guards public safety by administering the Transportation of Dangerous Goods Act and Regulations for all parties involved in transport of dangerous goods by road or by rail.

Surface Activity Highlights in Fiscal Year 2000/2001

Transport Canada is continually striving to improve and enhance the safety of Canada's railway system. In the past year, the department has undertaken a number of new measures towards that end.

Transport Canada contributed $900,000 to improve safety at seven level railway crossings in B.C. under the department's Grade Crossing Improvement Program.

At the local level, Transport Canada inspectors monitor compliance with legislation relating to the construction and operation of railway equipment, the use and maintenance of railway lines and the professional conduct of railway employees.

Transport Canada inspectors looked at over 2080 miles of track, inspected 237 railway bridges and 135 train controls and signals. They also completed 1050 railway crossing inspections. Transport Canada inspectors conducted audits on three rail traffic control centres and 10 rail maintenance centres. Compliance monitoring is a consistent activity.

Inspectors consulted on 153 Transportation of Dangerous Goods emergency response plans, conducted nine client awareness sessions, inspected 1524 dangerous goods sites, investigated 64 incidents and implemented 43 compliance actions. Transport Canada staff have been reviewing

proposed revisions, and training for the transportation of dangerous goods "Clear Language" regulations. They are designing a client awareness program to assist clients and the general public.

Under the Amendments to the Rail Safety Act, The Safety Management System (SMS) Regulations were finalized. The new Safety Management Systems Regulations lead to a variety of safety improvements including:

- defining clear responsibilities and authorities,
- addressing safety throughout all levels of the organization,
- considering safety as a factor in all decisions,
- identifying, assessing, and resolving or mitigating safety issues and concerns routinely, and
- using feedback mechanisms to ensure that the organization learns from its experience.

The regulations came into force March 31st 2001. Each existing federally regulated railway is required to document their SMS. New railway companies will be required to submit documentation of their SMS 60 days before they begin operations. Every year, railway companies are required to submit any changes to their SMS as well as information on its safety performance over the past year and its safety goals for the upcoming year. Last May, Transport Canada presented a seminar on SMS for all railways in B.C. At the seminar, Doug Kelsey, CEO of West Coast Express, outlined the benefits of Safety Management Systems calling it as important as a good financial system in running an operation.

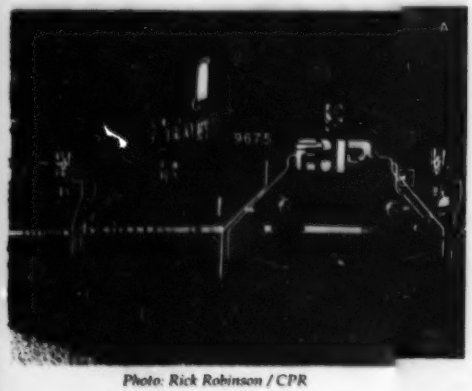


Photo: Rick Robinson / CPR

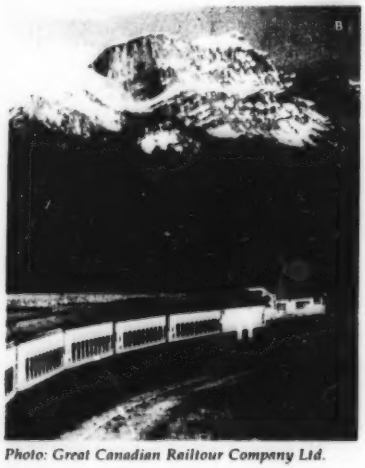
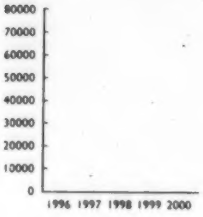


Photo: Great Canadian Railtour Company Ltd.

A Railway Compliance Policy was published last year which will help both railway inspectors and Railways in the use of compliance measures and promote greater consistency in the delivery of the railway safety program.

Rocky Mountaineer Railtours® 1996-2000 Passenger Volumes



Rocky Mountaineer Railtours® has seen a steady increase in passenger volumes

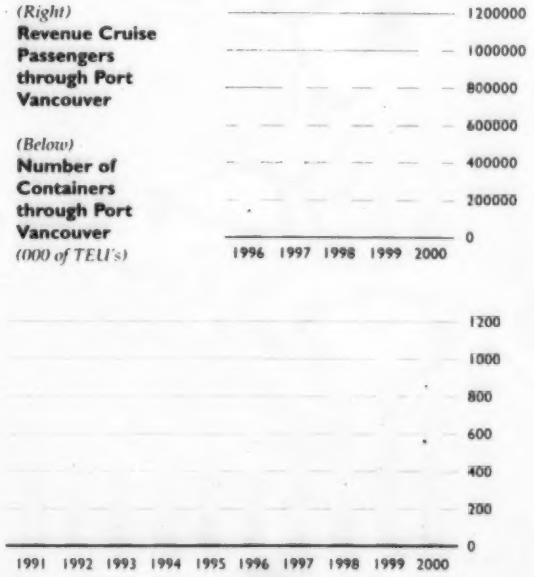
A) A Canadian Pacific Rail locomotive

B) Rocky Mountaineer Railtours® passenger train passes through Golden, B.C.

C) Transportation of Dangerous Goods inspector does a safety check

Marine

Transport Canada oversees the development, application and enforcement of legislation, regulations and safety standards for the design construction, operation and maintenance of commercial ships and other special purpose commercial marine vessels operating in Canadian waters. Transport Canada is also responsible for certification and examination of officers and crews of commercial vessels, prevention of ship source pollution, marine occupational health and safety, investigations, Ship Registry, licensing of small commercial vessels and overseeing pilotage.



Marine Activity Highlights in Fiscal Year 2000/2001

Transport Canada marine inspectors carried out 352 port state inspections on foreign vessels visiting B.C.'s ports. Due to a variety of onboard deficiencies, 58 vessels were detained. Before being allowed to leave port, the vessels must rectify the deficiencies. Inspectors completed 1036 Port Warden inspections, 160

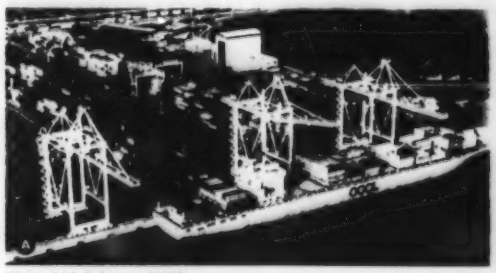


Photo: Rick Robinson / CPR

small passenger vessel inspections and 40 small tug inspections. Seventy-six accident investigations were carried out as well as 3,460 domestic inspections.

Transport Canada's Registrar of Ships documents ship's titles, names, transfers and other pertinent vessel information. Last year in B.C., Ship Registry handled over 8000 transactions. Transport Canada inspectors conducted 383 pollution investigations in B.C. last year.

Transport Canada lent out some expertise this past year around the world and provided Port Sate Control (PSC) training to officers in Malaysia and Chile and assisted in setting up a PSC system for Taiwan.

Transferring Ports

Transport Canada transferred 17 ports into local hands in 2000/2001 under the National Marine Policy's Port Divestiture Program. Negotiations are in progress for the transfer of 30 more public port facilities in B.C.

Victoria Harbour Traffic Scheme

In April 2000, Victoria Harbour became the first certified water aerodrome in Canada. As the harbour is a centre of boating and aviation activity, the department published the "Partnership in Safety" Victoria Harbour Traffic Scheme for all users of the harbour. The easy to read brochure outlines rules, special procedures and restrictions that have been developed jointly with harbour users and regulatory authorities to make the harbour safer.

Industry Highlights

The Prince Rupert Port Authority's year-end results reflect the continued decline in the Port's traditional resource-based activities. Part of the slack is being picked up by cruise traffic. This season cruise ship visits are expected to double with over 25 calls. Forecasts predict over 2000 cruise passengers will visit Prince Rupert's Atlin Terminal in 2001.

The Port of Vancouver reported increases last year in total tonnage moved through the port, the number of Total Foreign Containers and the number of revenue cruise passengers. Fraser Port handled 2.8 million tonnes of cargo last year, setting a new record. If cargo flows through the Fraser and North Fraser ports are included, the Vancouver Gateway handles more than 100 million tonnes of foreign and domestic cargo per year.

Photo: Tourism BC

A) Container vessel in port

B) BC Ferries' vessel leaving Horseshoe Bay

C) Both passengers and trade commodities move through Port Vancouver

D) Fishing vessels in Steveston, B.C.

In addition to inspecting large ocean-going cargo vessels and cruise ships, a primary focus for Transport Canada in 2000 was conducting spot checks on small passenger vessels, tugs, fishing vessels and sport fishing vessels to ensure they comply with safety regulations. Transport Canada and the B.C. Sport Fishing Guides Association developed a compliance standard that has received national approval.

Transport Canada is also working with the International Sail and Power Association, the Canadian Yachting Association and others in developing a national standard for construction, maintenance and operation of vessels used in sail and power boat training.

Transport Canada is working closely with BC Ferries in developing procedures and mechanisms to enable maximum efficiency in the design and approval of newer ships as they work to renew their fleet.

Commitment

Transport Canada is committed to sound environmental management and has an environmental program associated with the divestiture of airports, seaplane bases and public port facilities.

Highlights

In 2000/2001, Transport Canada delivered an $11.5 M Environmental Program in B.C. including environmental screenings, investigations and remediation work at airports and ports, as well as a fuel storage upgrade at Sandspit Airport and an archaeological investigation at Kyuquot Public Port Facility. Environmental remediation work is also continuing in Victoria Harbour through the Victoria and Esquimalt Harbours Environmental Program (VEEP).

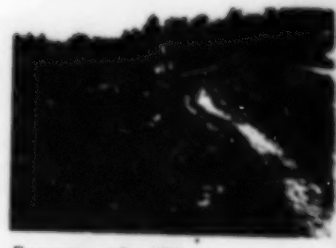
Transport Canada is responsible for monitoring emerging or potential regional transportation issues, priorities and concerns. Transport Canada participates in many studies to identify and analyze emerging transportation trends.

In 2000/2001, Transport Canada continued to participate as an active resource member of the Northwest Corridor Development Corporation and participated in joint industry/government initiatives such as the Greater Vancouver Gateway Council, the Fraser Basin Council, the Pacific Northwest Economic Region, and the International Mobility and Trade Corridors Project.

Highlights

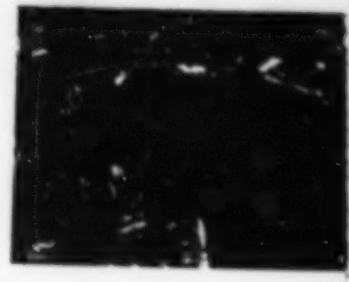
Based on increased interest in rapid urban transit options, Transport Canada actively participated in a project which studied in greater detail a Richmond/Airport - Vancouver rapid transit link. This study was led by TransLink, but was managed and evaluated by a number of agencies including: Transport Canada, the Vancouver International Airport Authority, the Province of B.C., the Greater Vancouver Regional District, the City of Richmond, the City of Vancouver and the Vancouver Port Authority.

The final report, with accompanying statistical analysis, on the Lower Mainland Truck Study has been completed. This report updates information on truck travel patterns within the Lower Mainland and will be used to re-calibrate the regional transportation model. This study was jointly sponsored by Transport Canada, the Greater Vancouver Transportation Authority, the Ministry of Transportation and Highways, the Vancouver Port Authority, the Vancouver International Airport Authority and Fraser Port.

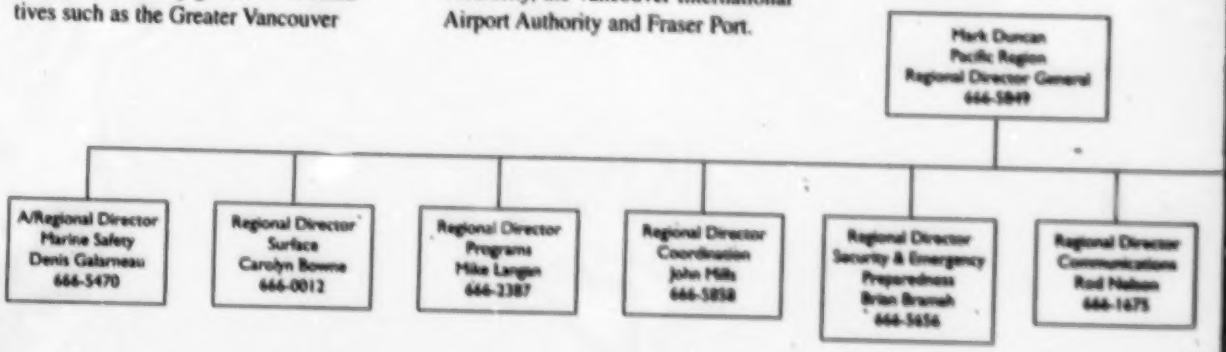


Escarpment landfill remediation at Fort Nelson Airport

Aerial view of Victoria's Inner Harbour



Transport Canada Pacific Region Organization Chart



Our People

A) Civil Aviation employee receives 15 year service award from her manager

B) Security inspector in her office, between inspections

C) Marine Transport Dangerous Goods inspector at Port Vancouver

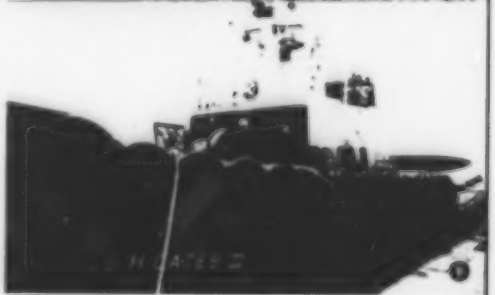
D) Transport Canada personnel travel to Prince George for a presentation

E) Marine Safety inspector on a tug in Port Vancouver

Transport Canada Pacific Region employs 479 people in British Columbia. In addition to regional headquarters office in Vancouver, Transport Canada offers services in nine Transport Canada Centres and four airports around B.C. Marine inspectors work out of three centres on the Coast, while Aviation inspectors are stationed at five centres around the province. Railway and road and rail dangerous goods inspectors operate out of New Westminster and Kelowna.

Our people are the single most crucial component of our organization's success. There are many employee committees that enable our employees to share best practices and continually evolve to better serve our clients.

Transport Canada Pacific Region strives to be an "employer of choice" by presenting recognition awards, offering training programs, providing orientation sessions and promoting professionalism.



Regional Director
Finance & Admin.
Greg Gustavson
666-5850

Regional Director
Human Resources
Edie Preugschat
666-4985

Regional Director
Civil Aviation
Dave Nowzek
666-5851

Special thanks to Jim Jorgenson for industry photos

Copies available
from Transport Canada
Communications:

1100-800 Burrard Street
Vancouver, BC
V6Z 2J8
Telephone: (604) 666-3518
Facsimile: (604) 666-7255
www.tc.gc.ca/pacific

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